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Assignment 4

Output:

python neural_network.py pendigits_training.txt pendigits_test.txt 2 10 10

classification accuracy=0.8662

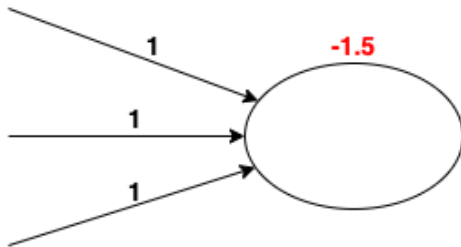**python neural_network.py pendigits_training.txt pendigits_test.txt 3 20 20**

classification accuracy=0.9200

Task 2:

bias = [-1.5]
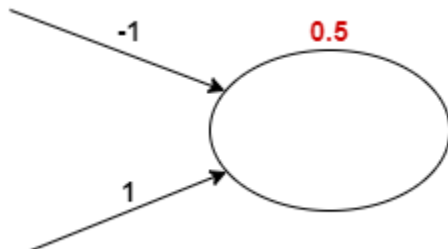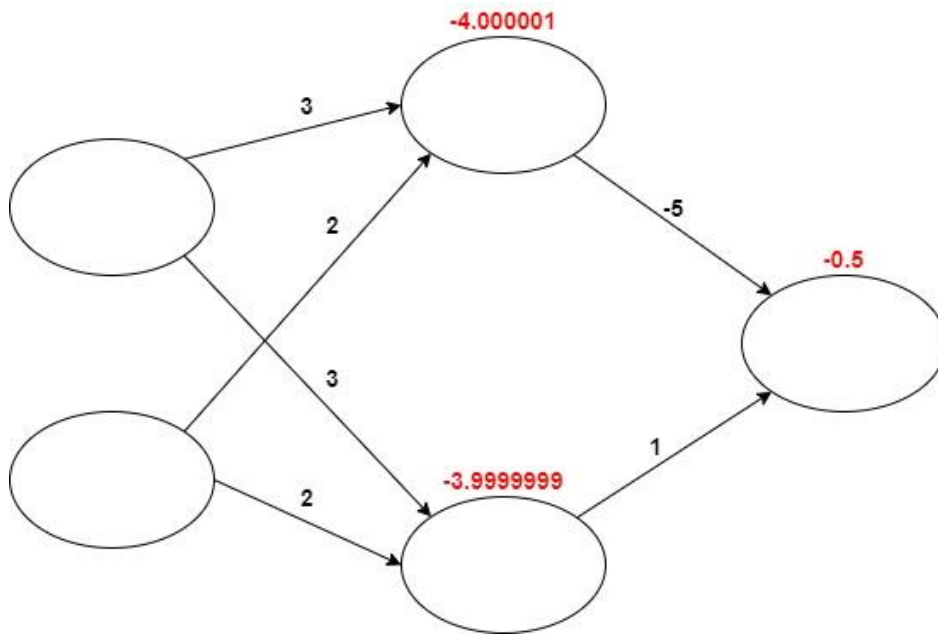
weights = [1, 1, 1]

Task 3:

bias = [0.5]

weights = [-1, 1]

Task 4:

Task 5:

Yes,